Screening Libraries

Glyparamide

Cat. No.: HY-15383 CAS No.: 5581-42-0 Molecular Formula: $C_{15}H_{16}CIN_3O_3S$

Molecular Weight: 353.82 Others Target: Pathway: Others

Storage: Powder -20°C 3 years

2 years

-80°C In solvent 2 years

> -20°C 1 year

Product Data Sheet

SOLVENT & SOLUBILITY

In Vitro

DMSO: 55 mg/mL (155.45 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Mass Concentration	1 mg	5 mg	10 mg
	1 mM	2.8263 mL	14.1315 mL	28.2630 mL
	5 mM	0.5653 mL	2.8263 mL	5.6526 mL
	10 mM	0.2826 mL	1.4131 mL	2.8263 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- 1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.75 mg/mL (7.77 mM); Clear solution
- 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.75 mg/mL (7.77 mM); Clear solution
- 3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.75 mg/mL (7.77 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Glyparamide is an orally active chlorophenyl-containing sulfonylurea. Glyparamide shows hypoglycemic activity and rarely causes hepatic injury^[1].

REFERENCES

Caution: Product has not been fully validated for medical applications. For research use only. Tel: 909-228-6898 Fax: 699-228-5999 E-mail: techgished: Chemtspress.com Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA				
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